

Title (en)

METHOD FOR DECOMPOSING PHENOLIC BY-PRODUCT

Title (de)

VERFAHREN ZUR ZERSETZUNG EINES PHENOLISCHEN NEBENPRODUKTS

Title (fr)

PROCÉDÉ DE DÉCOMPOSITION D'UN SOUS-PRODUIT PHÉNOLIQUE

Publication

EP 3715338 A4 20210811 (EN)

Application

EP 19883331 A 20191015

Priority

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Abstract (en)

[origin: EP3715338A1] The present invention relates to a method for decomposing a phenolic by-product, and more particularly, to a method for decomposing a phenolic by-product generated in a phenol preparation process, the method including: a step (S10) of adding a phenolic by-product stream, a decomposition apparatus side discharge stream, and process water to a mixing apparatus and mixing the phenolic by-product stream, the decomposition apparatus side discharge stream, and the process water; a step (S20) of adding a mixing apparatus discharge stream discharged from the mixing apparatus to a phase separation apparatus and phase-separating the mixing apparatus discharge stream into an oil phase and an aqueous phase; a step (S30) of feeding an oil phase stream obtained by the phase-separation in the step (S20) and discharged to a decomposition apparatus and decomposing the oil phase stream; and a step (S40) of circulating the decomposition apparatus side discharge stream obtained by the decomposition in the step (S30) to the mixing apparatus in the step (S10).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [A] US 2001000260 A1 20010412 - TAGGART AUSTIN DALE [US], et al
- See references of WO 2020130313A1

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US11939282B2

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